1/80

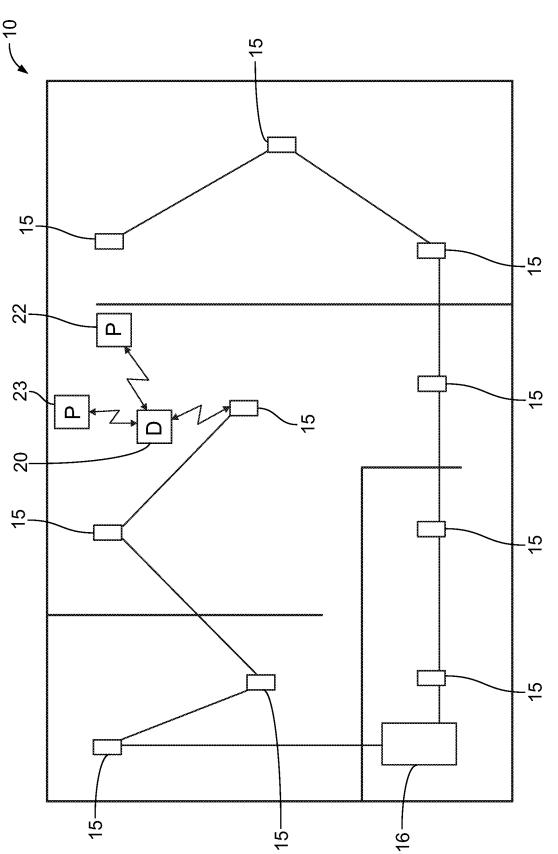
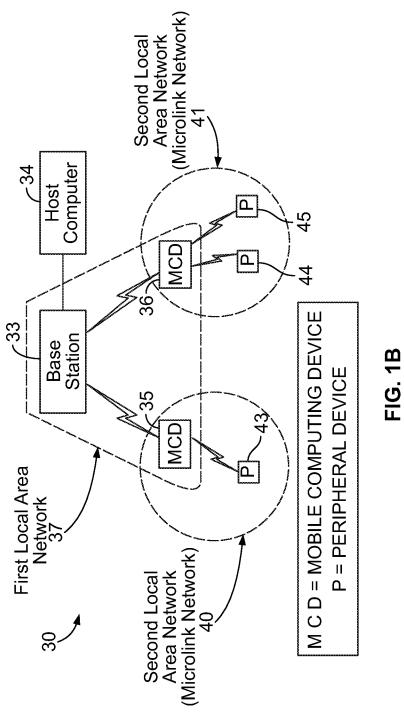


FIG. 1A



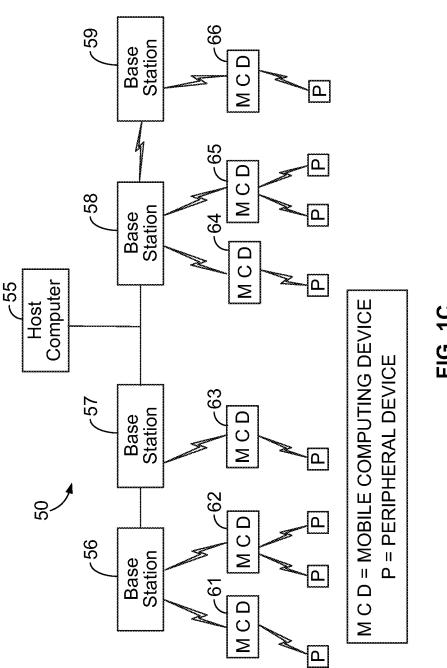
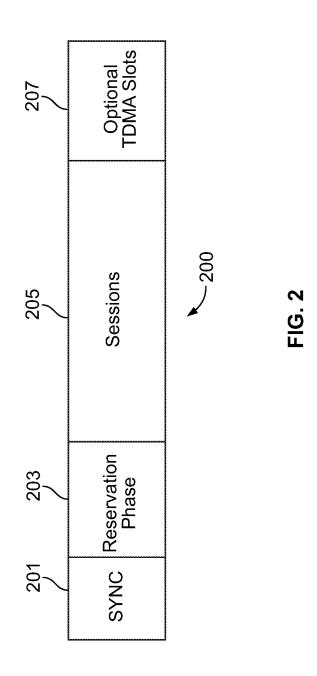


FIG. 1C



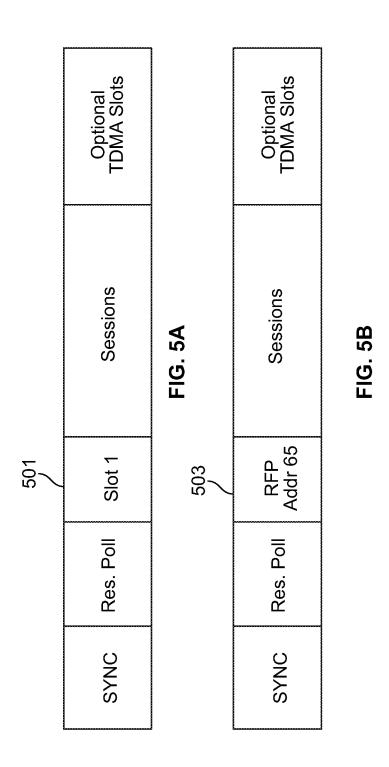
5/80

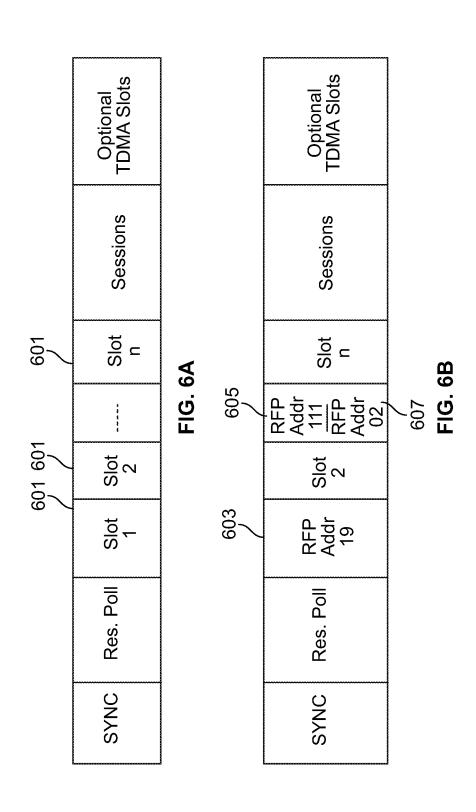
303	303	303	303 FIG. 3B	303	303
2403 MHz 2466 MHz		2444 MHz	2472 MHz	2417 MHz	2411 MHz
Freq. 79 Freq. 1	9 9 9 9 9	Freq. 5	Freq. 4	Freq. 3	Freq. 2
20 ms 20 ms	20 ms	20 ms	20 ms	20 ms	20 ms
			FIG. 3A		
301 301		301	301	301	301
Freq. 79 Freq. 1 2403 MHz 2466 MHz	:	Freq. 5 2444 MHz	Freq. 4 2472 MHz	Freq. 3 2417 MHz	Freq. 2 2411 MHz
10 ms 10 ms	10 ms	10 ms	10 ms	10 ms	10 ms
Сименения выполняющим выполнающим выполнающ					

6/80

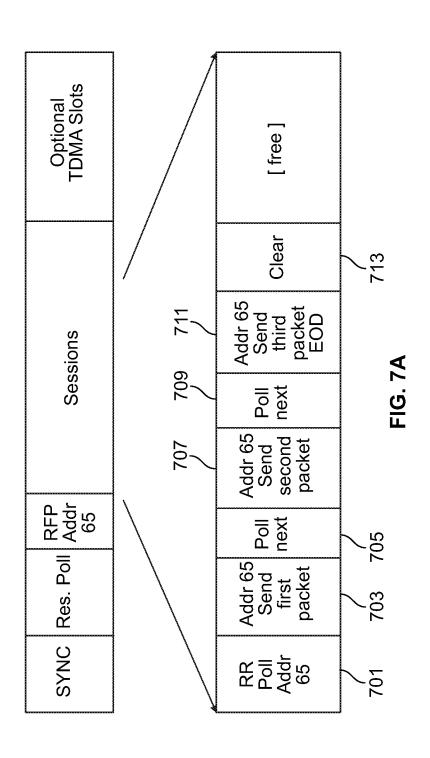
Freq. 1: 2466 MHz	.66 MHz	Freq. 2	: 241′	1 MHz	-req. 3: 2 ²	417MHz	Freq. 5:	Freq. 2: 2411 MHz Freq. 3: 2417 MHz Freq. 5: 2444 MHz
Al. 1 20 ms	Al. 2 20 ms	Al. 1 20 ms		Al. 2 20 ms	Al. 1 20 ms	Al. 2 20 ms	Al. 1 20 ms	Al. 2 20 ms
7401		Account of the Control of the Contro	nasanananananananananananananananananan	FIC	FIG. 4A			
	Freq	Freq. 1: 2466 MHz	3 MH	2		Freq. 2	Freq. 2: 2411MHz	Hz
Al. 1 20 ms	1 Al. 2 ms 20 ms		Al. 3 20 ms	Al. 4 20 ms	Al. 1 20 ms	Al. 2 20 ms	Al. 3 20 ms	Al. 4 20 ms
	401	weeten research particular to the control of the co	nere menere menere menere de la composition della composition dell	FIC	FIG. 4B	- particular de la constant de la co	THE RESIDENCE OF THE PERSON OF	

7/80

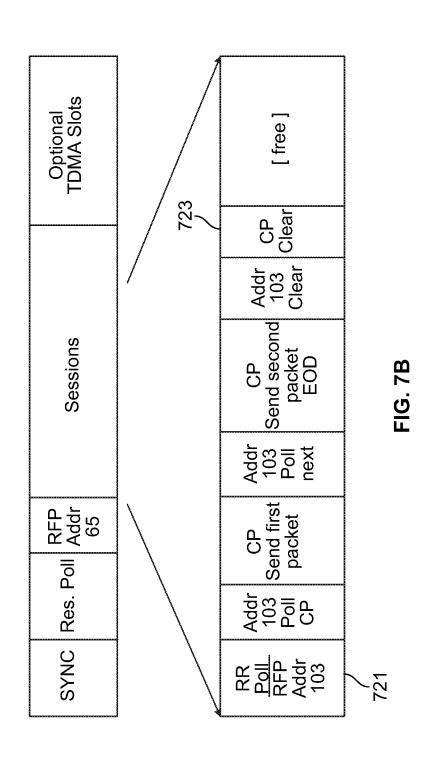




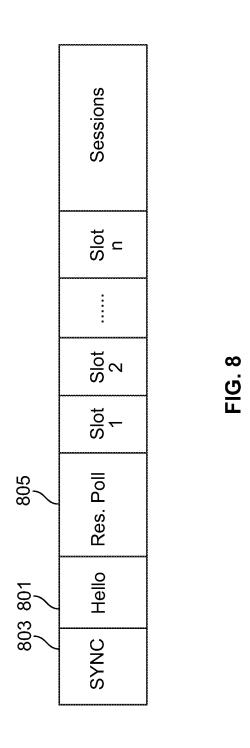
9/80



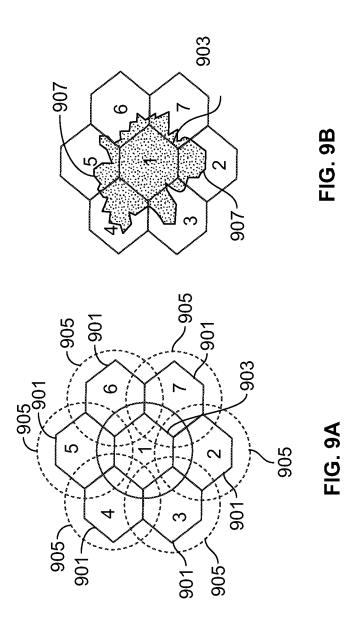
10/80



11/80



12/80



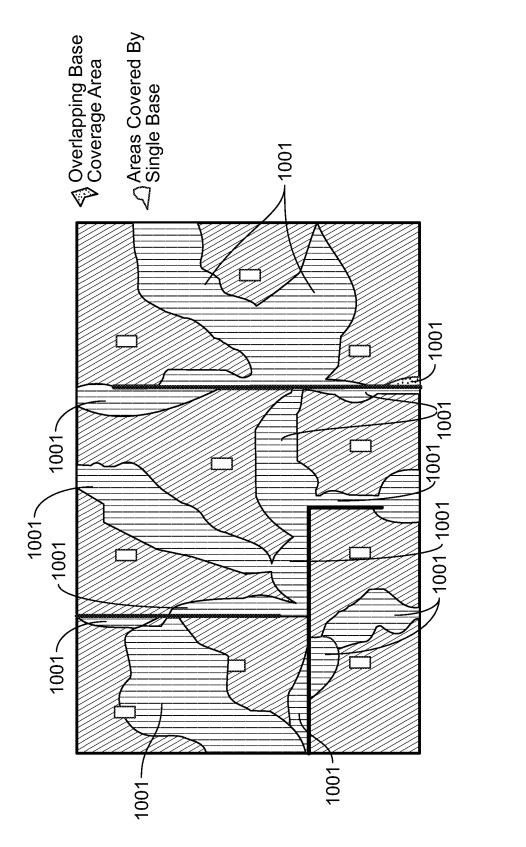
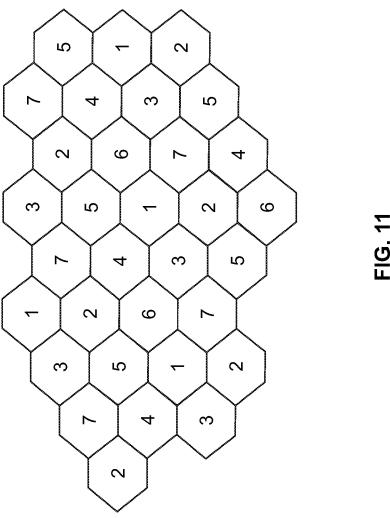
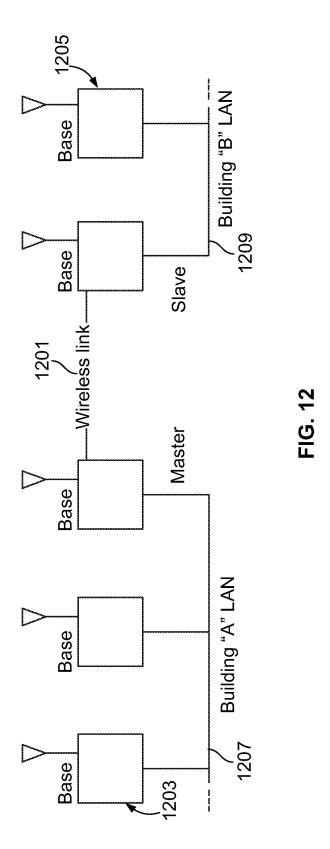


FIG. 10

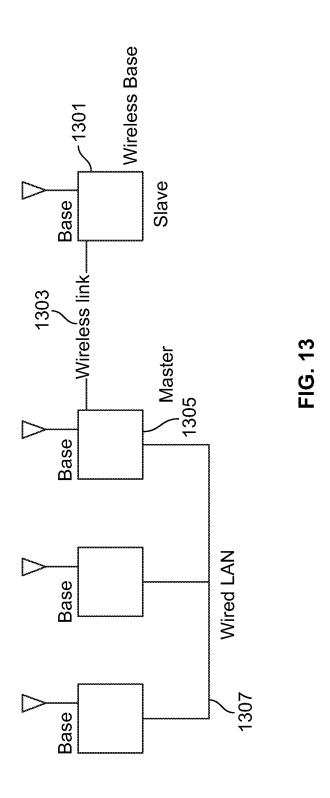
14/80



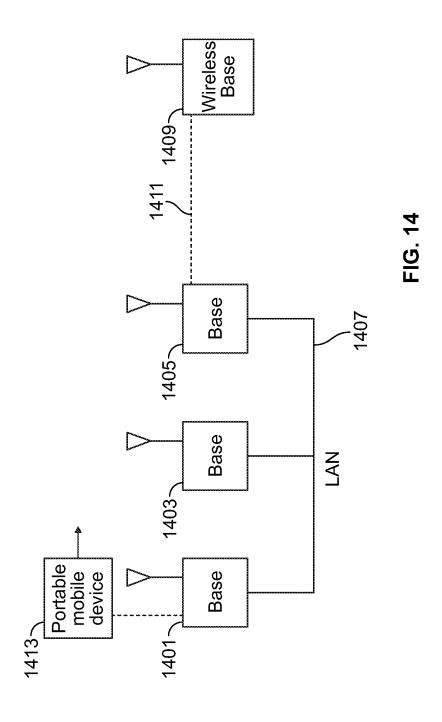
15/80

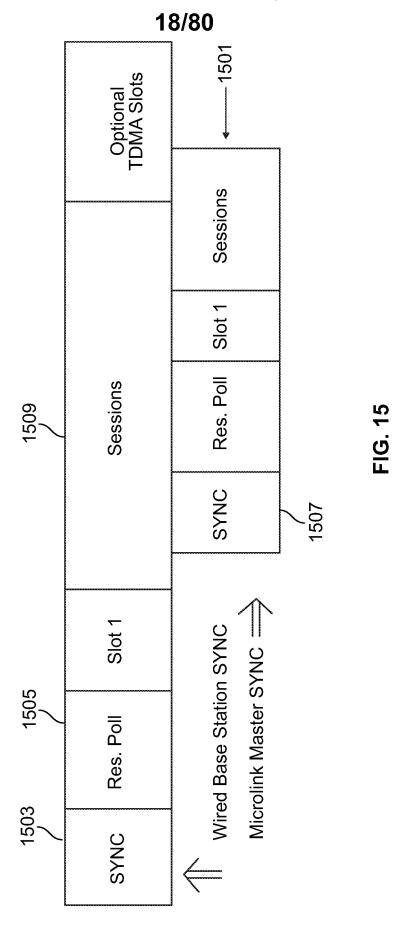


16/80



17/80





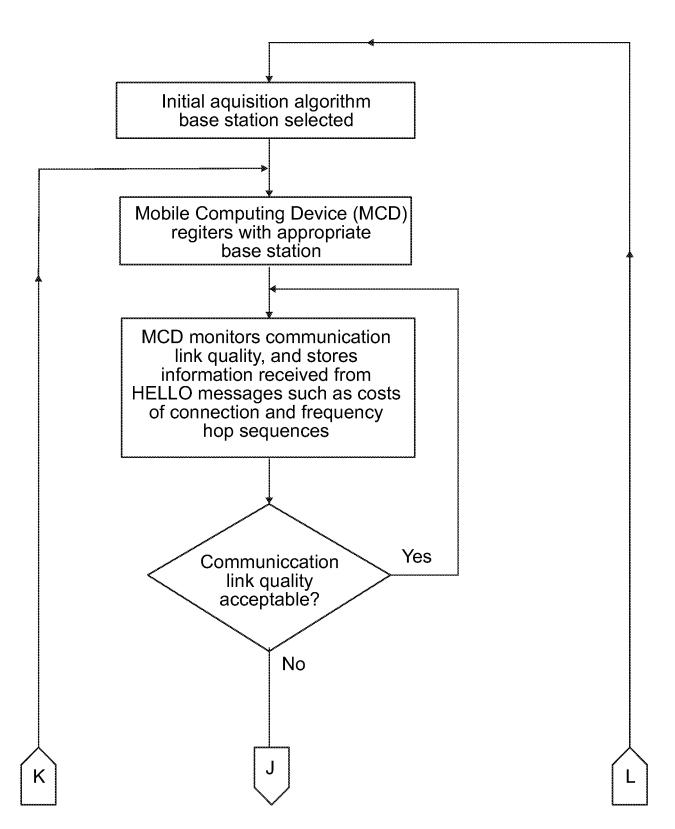
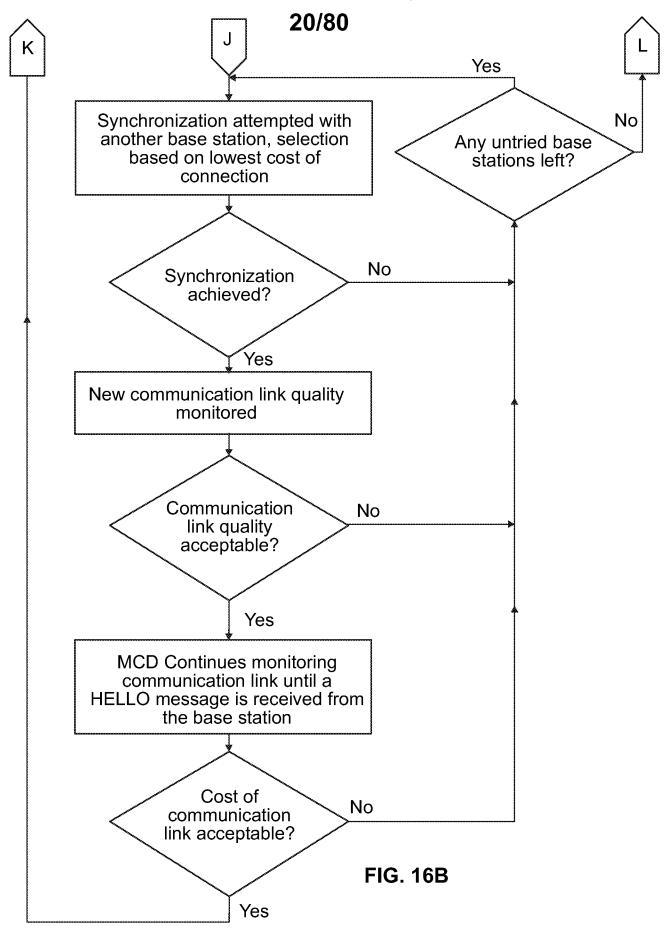


FIG. 16A

REPLACEMENT SHEET Appl. No. 10/783,883 Filed: February 20, 2004



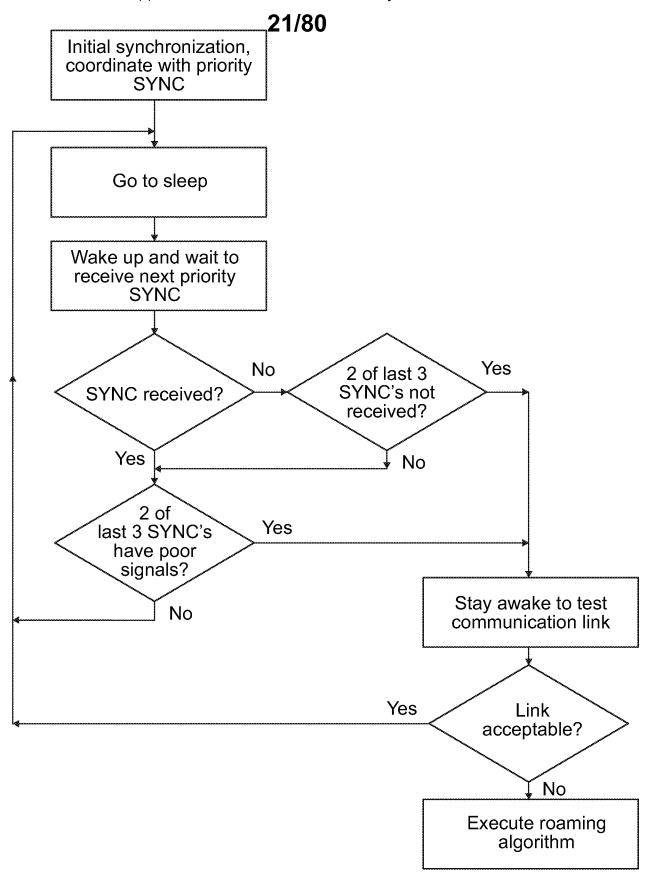
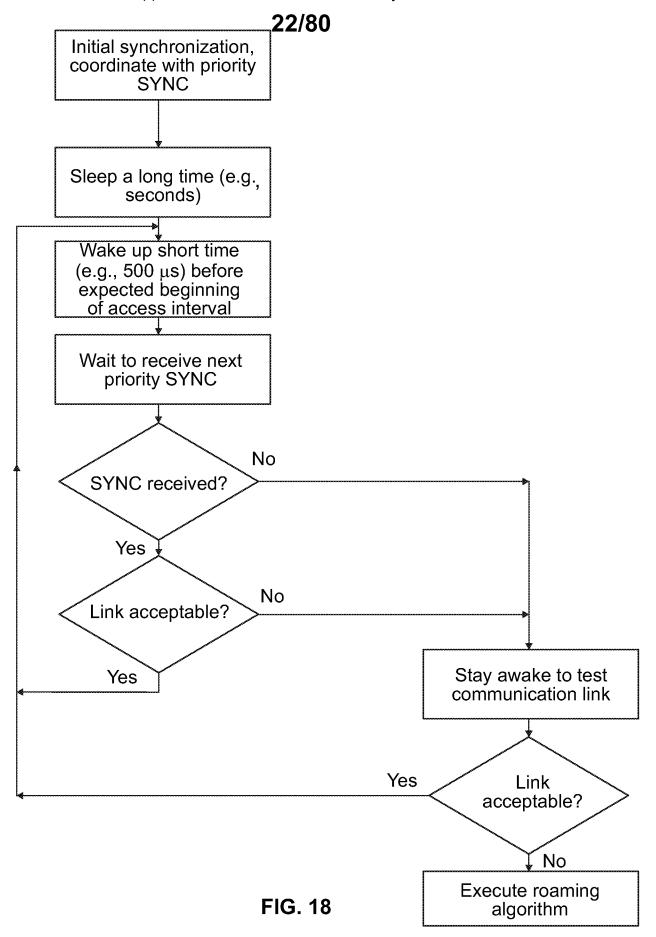
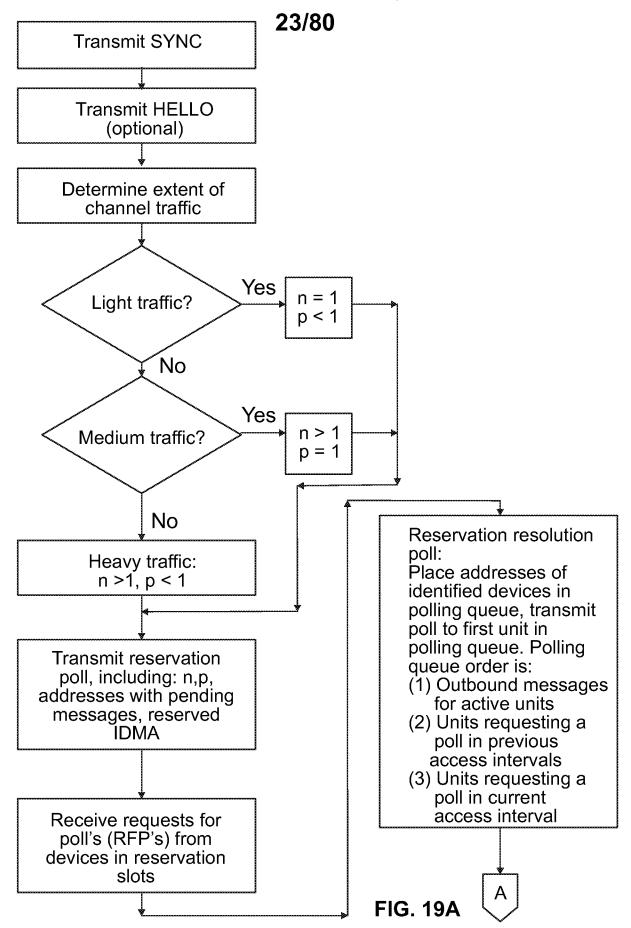


FIG. 17

REPLACEMENT SHEET Appl. No. 10/783,883 Filed: February 20, 2004





24/80 Wait for response to poll (data fragment) Response received within No **Transmit** Addresses poll to remain in timeout? same polling queue address No Yes Near Response indicate EOD No end of access (End-Of-Data) interval? Yes Yes F

FIG. 19B-1

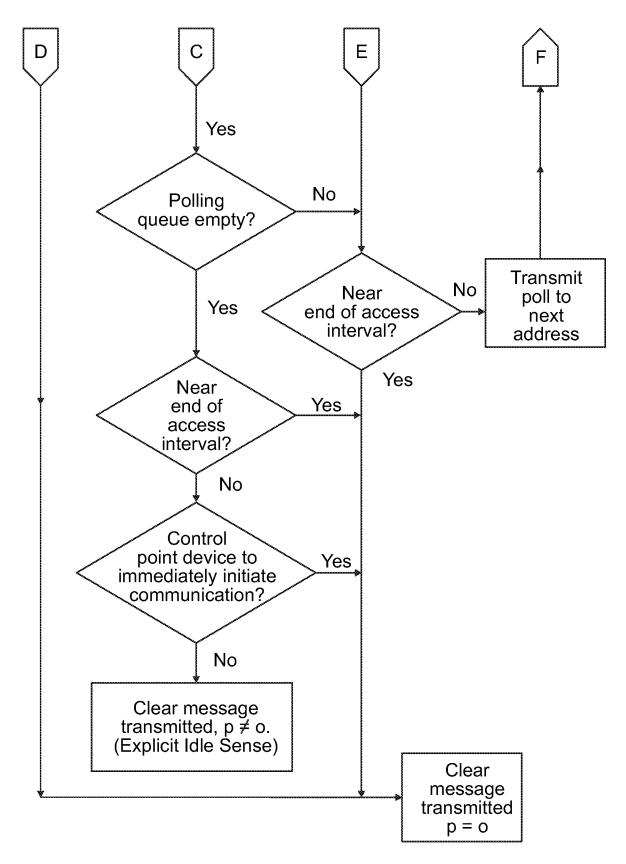
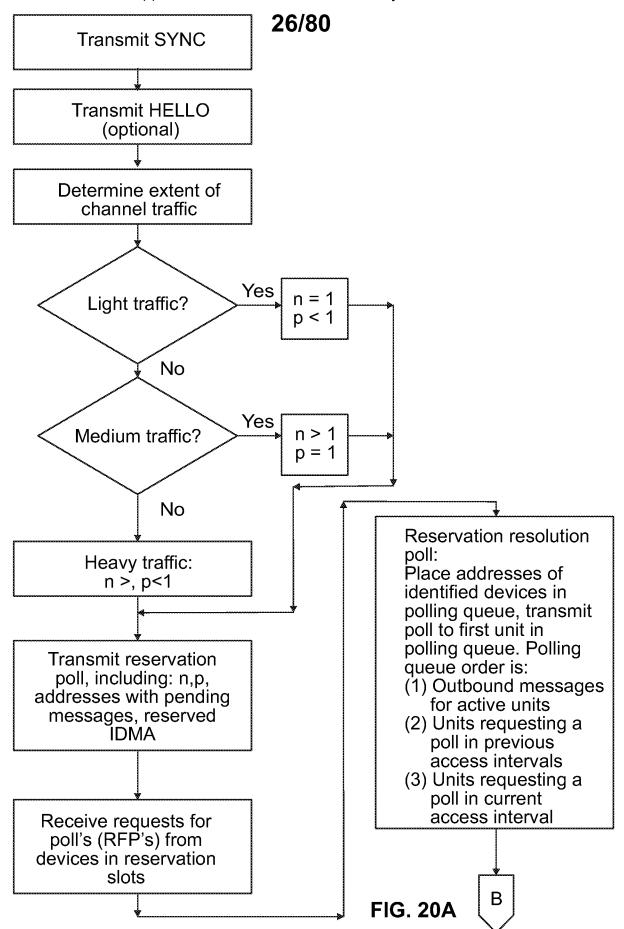


FIG. 19B-2



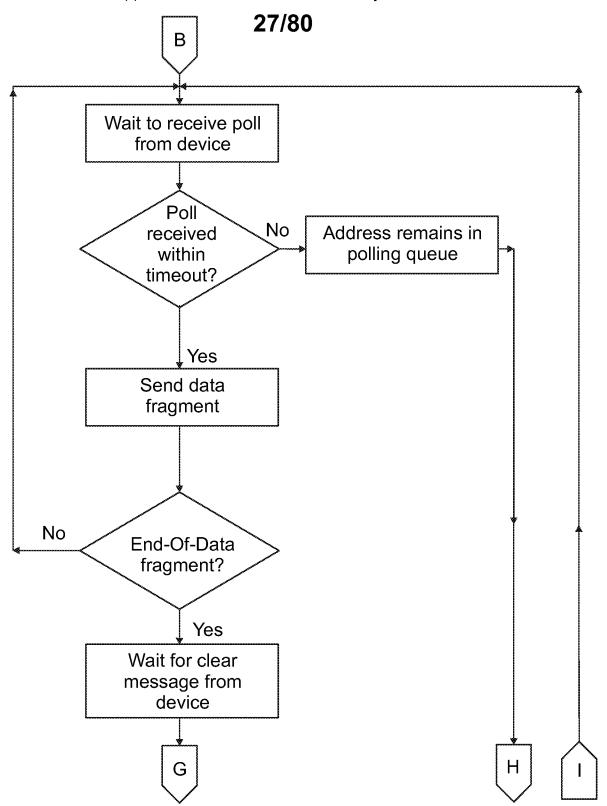


FIG. 20B-1

REPLACEMENT SHEET Appl. No. 10/783,883 Filed: February 20, 2004

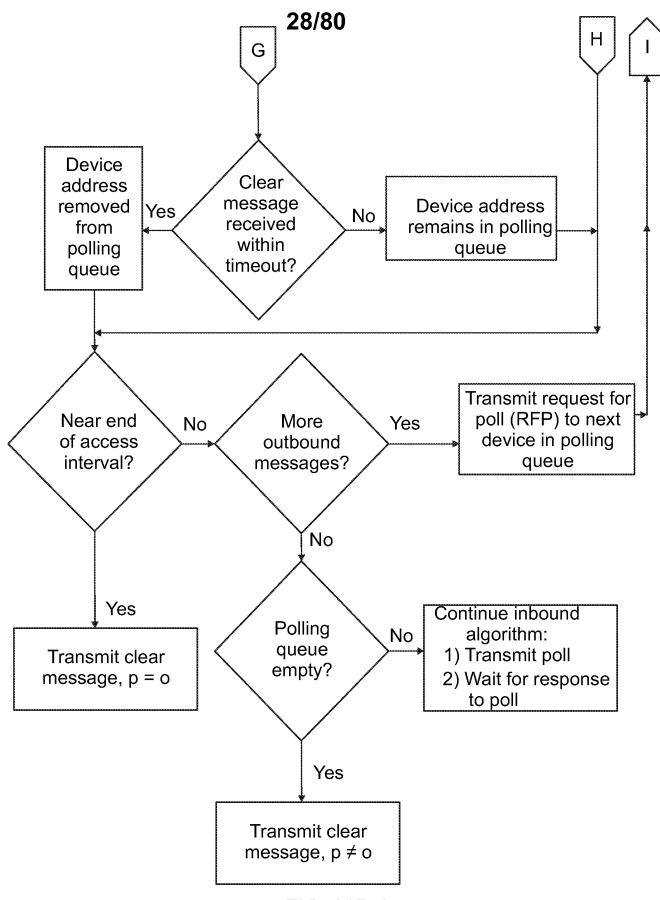
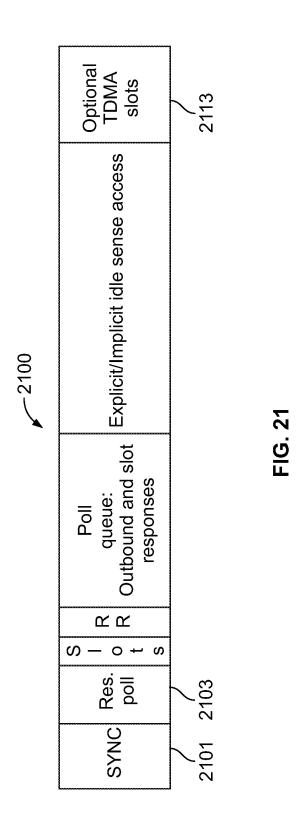
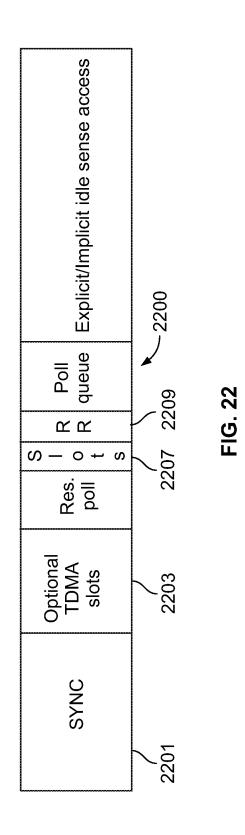


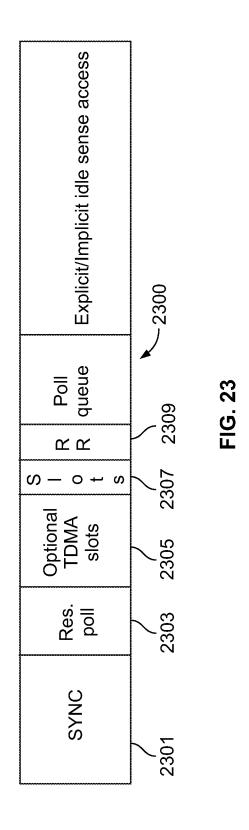
FIG. 20B-2

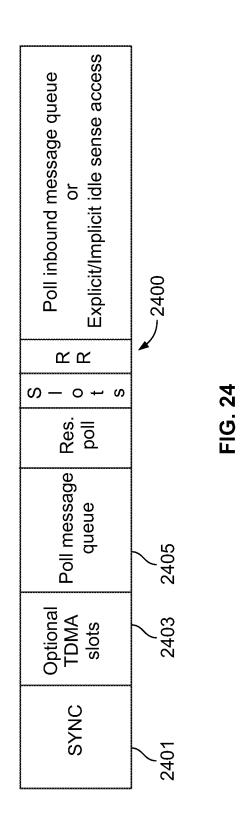
29/80





31/80





2503 2505	SYNC Res. Poll	14 bytes 12 bytes	120 µs++ 110 µs++
2501 2500 ~	Preamble 101010101010101010101010101010101	Training and Acquisition	300 msec*
2	1010101010	Freq. Switching	4- 150 µsec →

++allows additional bit times for HDLC zero bit inserion

FIG. 25

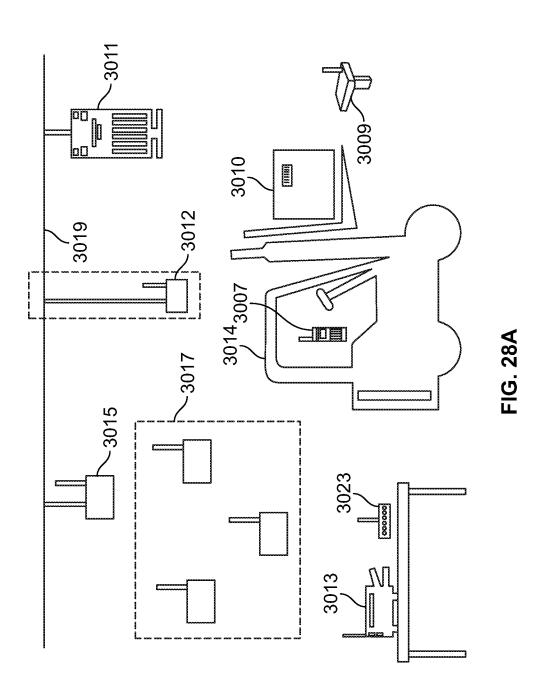
SYNC	Definition	Frame Delimiter	Destination Address (SYNC = Broadcast = $FFFF_{H}$)	Destination Address, 2nd Byte	Messsage Type=SYNC, Priority SYNC, or Priority SYNC with HELLO	Control Point Address	Control Point Address 2nd Byte	System Identifier (LAN ID)	Net ID	Control Point Status	2 Bits Control Point Type	2 Bits Loading Factor	1 Bit Scheduled Service Availability	3 Bits Reserved	Scheduled Services	5 Bits Number of Allocated TDMA Time Slots	3 Bits Number of Available Time Slots	Randomly Selected Character for Improved Encryption	Error Check	Error Check	Frame Delimiter	
	Content	FLAG	Dest. Address 1	Dest. Address 2	TYPE	Source Address 1	∆ddr	SYSTEM ID	NET ID	Command/Status 1					Command/Status 2			Random	CRC 1	CRC 2	FLAG	
	Byte	_	7	3	4	5	9		*	 *6					10*			11*	12	13	14	

*Optionally Encrypted Bytes

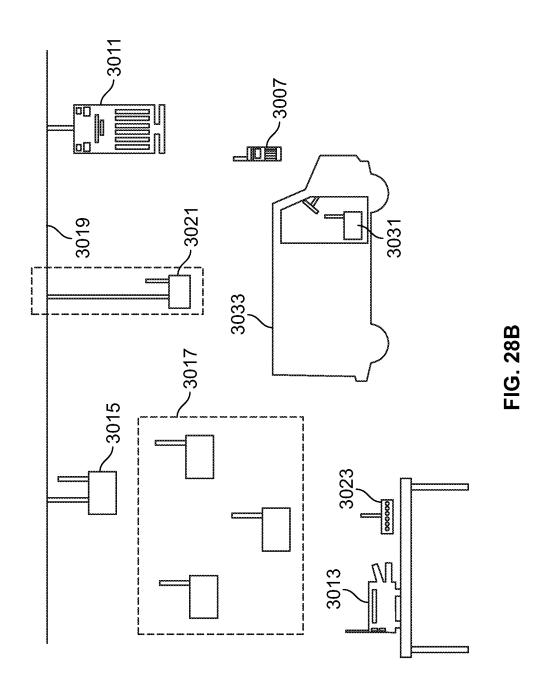
	_															
SYNC	Definition	Frame Delimiter	Destination Address (RES = Broadcast = FFFF)	Destination Address, 2nd Byte	Messsage Type = RES POLL	3 Bits Number of Slots	5 Bits Probability Factor	Hopping Sequence ID	Hopping Sequence Index		3 Bits Hop Rate	1 2 Bits Al's per Hop	1 3 Bits Reserved	Error Check	Error Check	Frame Delimiter
	Content	FLAG	Dest. Address 1	Dest. Address 2	TYPE	SLOT PARMS		Sednence	Index	NET PARMS				CRC 1	CRC 2	FLAG
	Byte	_	2	3	4	5	9	7*	*	 *6				 10	11	12

FIG. 27

36/80



37/80



38/80

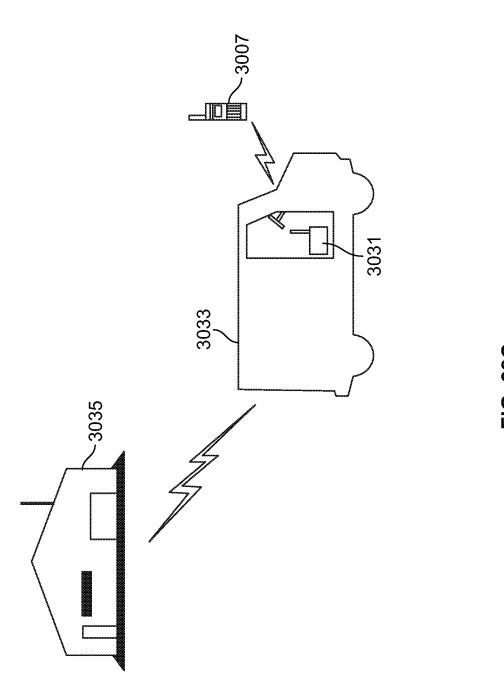
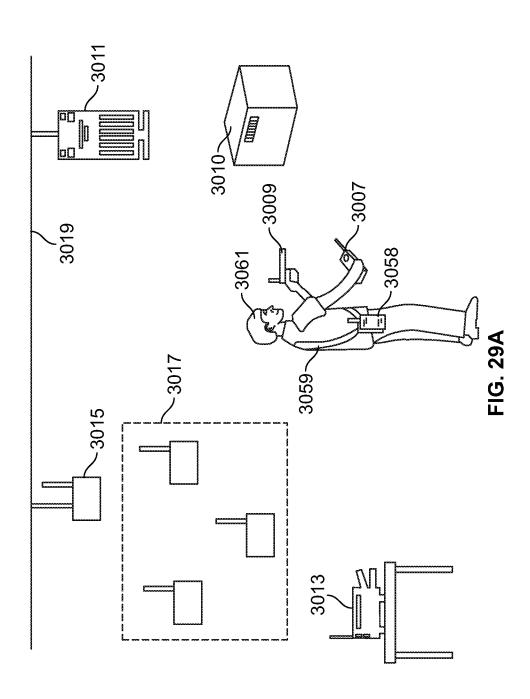


FIG. 28C

39/80



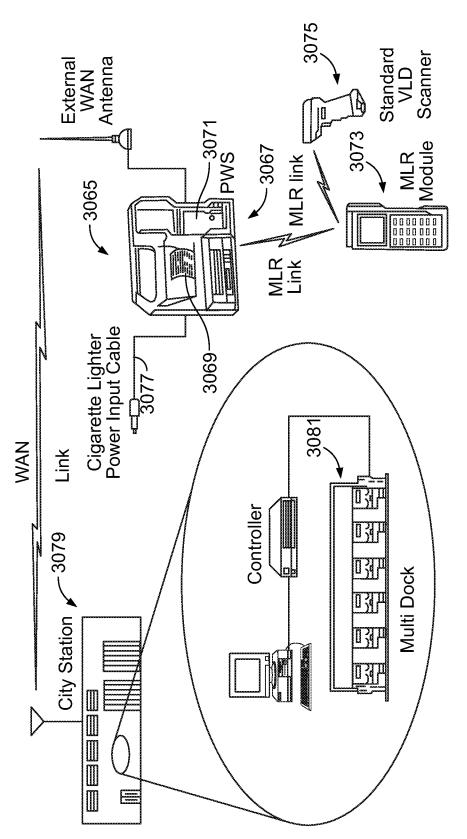
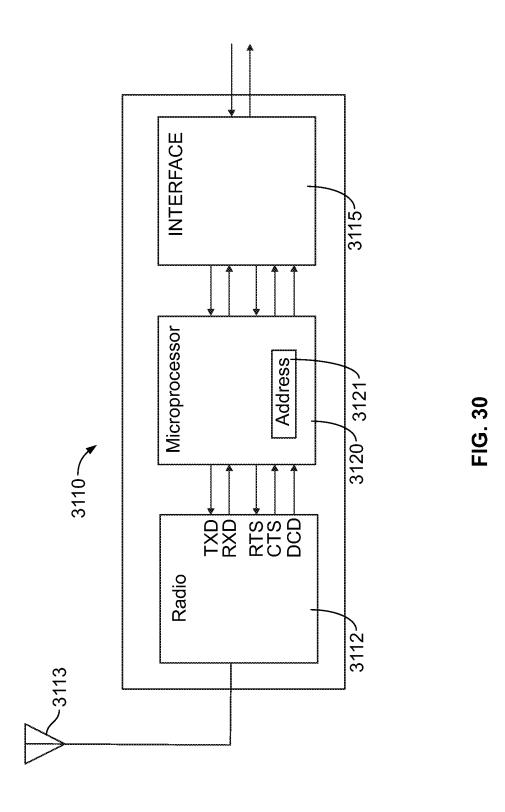
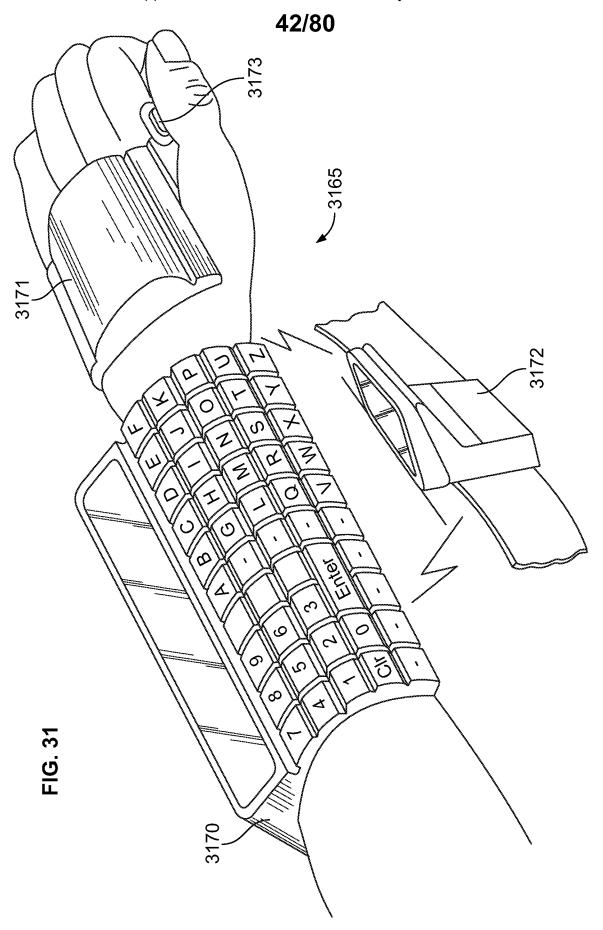


FIG. 29B

41/80



REPLACEMENT SHEET Appl. No. 10/783,883 Filed: February 20, 2004



REPLACEMENT SHEET Appl. No. 10/783,883 Filed: February 20, 2004

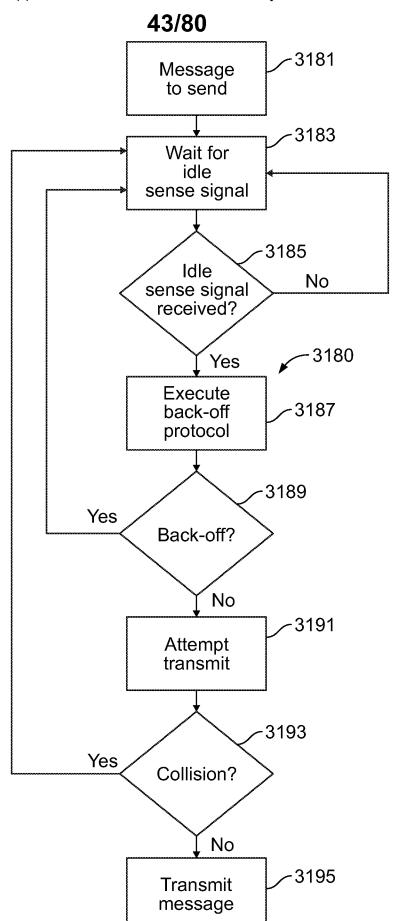


FIG. 32

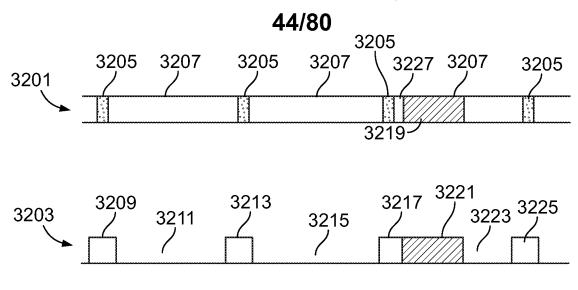


FIG. 33A

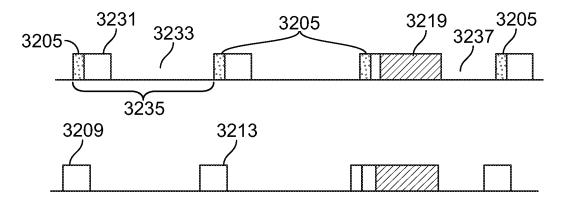
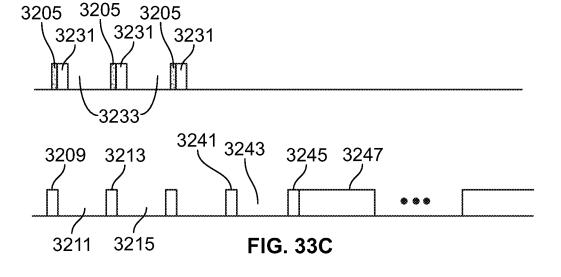


FIG. 33B



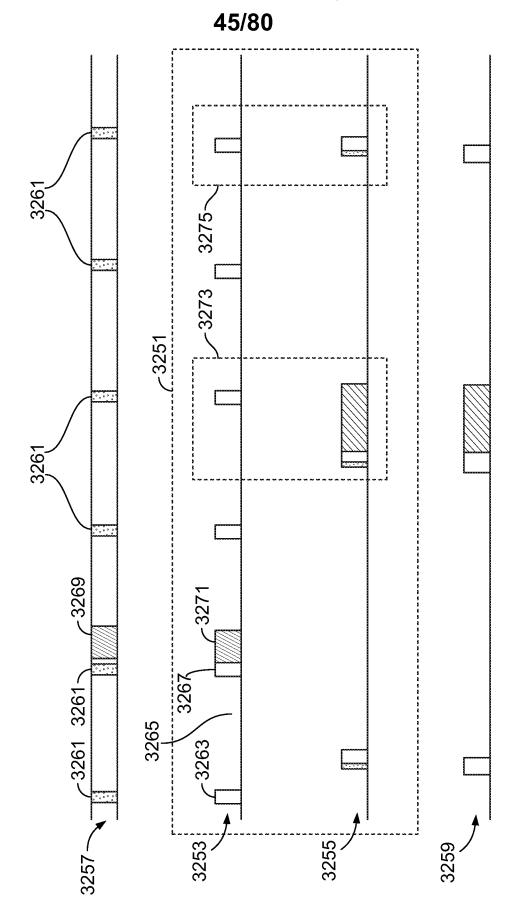
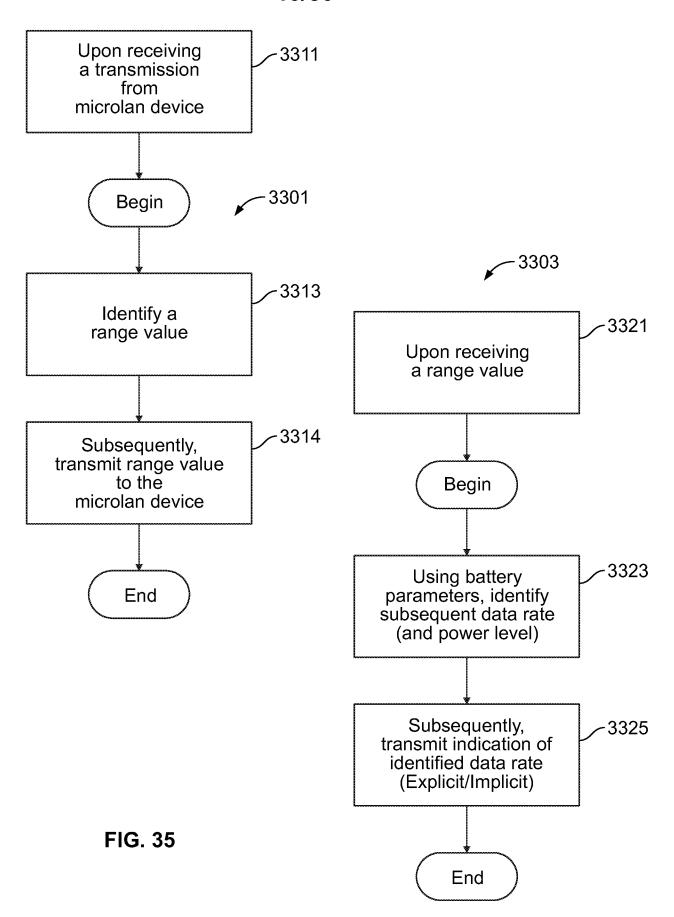
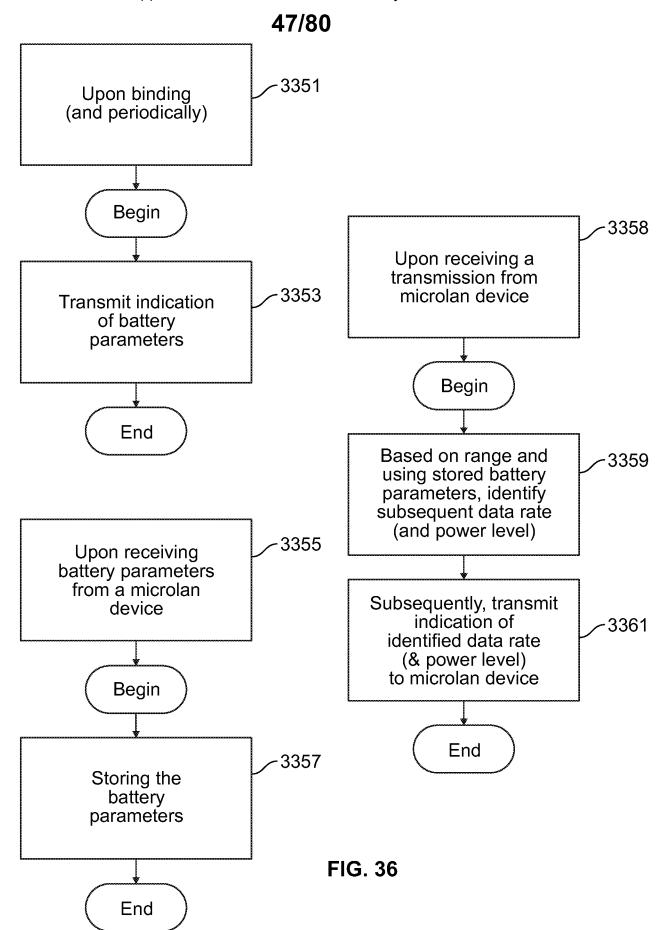


FIG. 34



REPLACEMENT SHEET Appl. No. 10/783,883 Filed: February 20, 2004



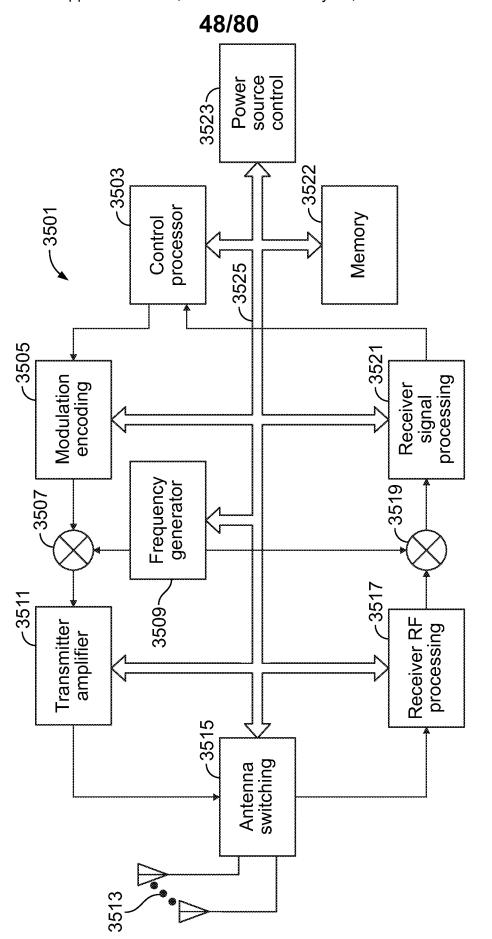
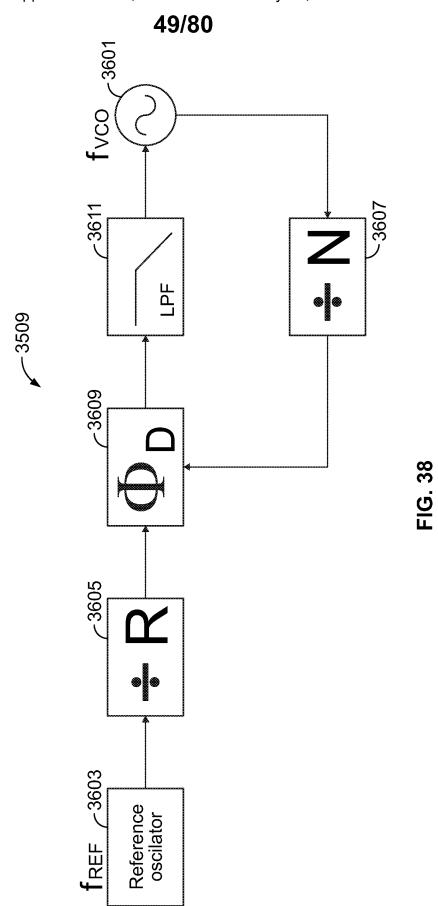


FIG. 37



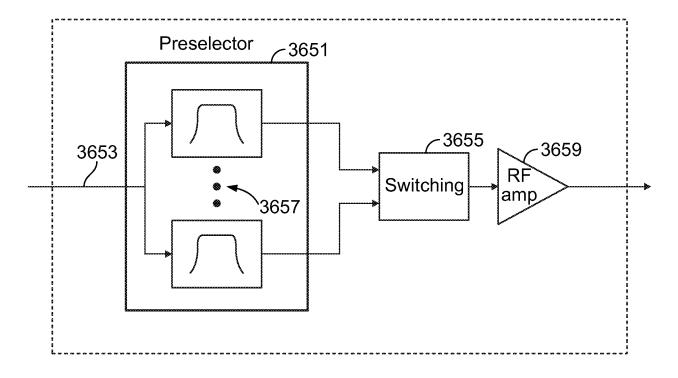


FIG. 39

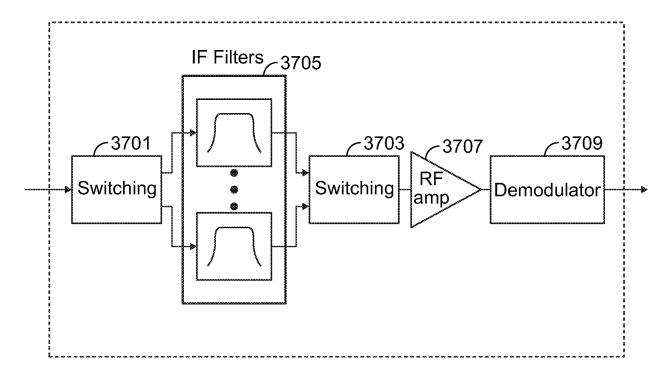


FIG. 40

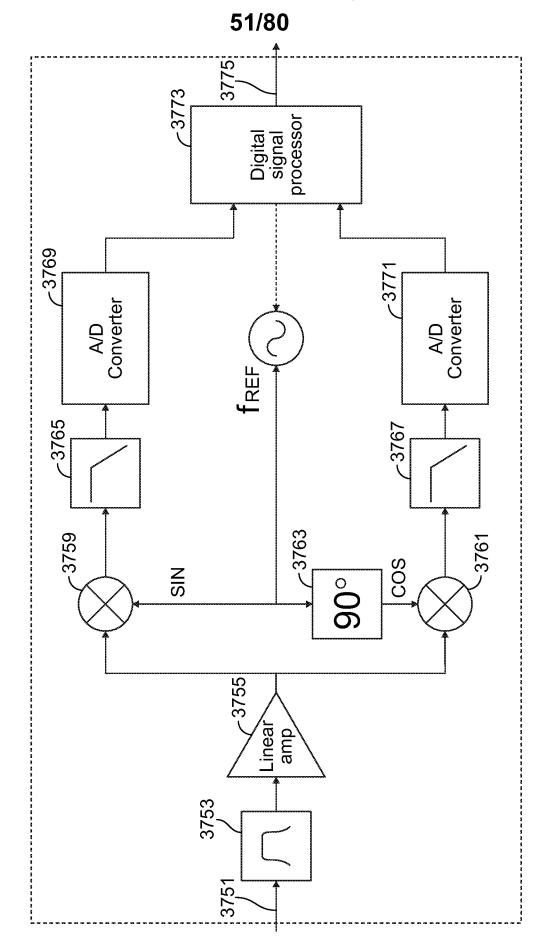


FIG. 41

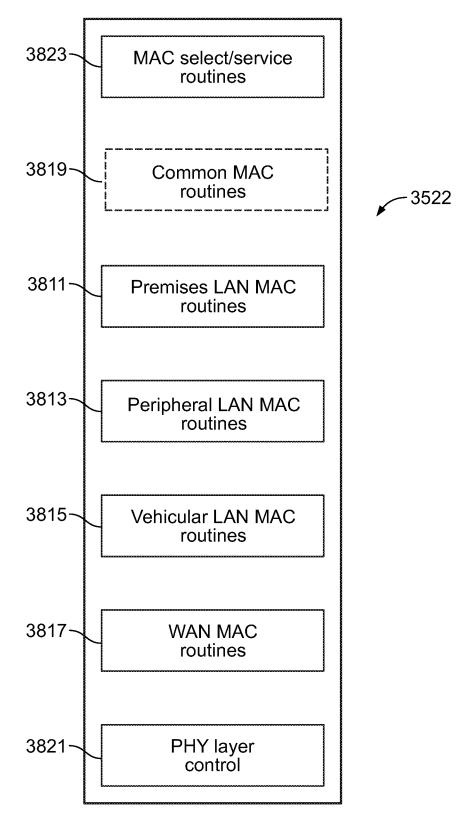
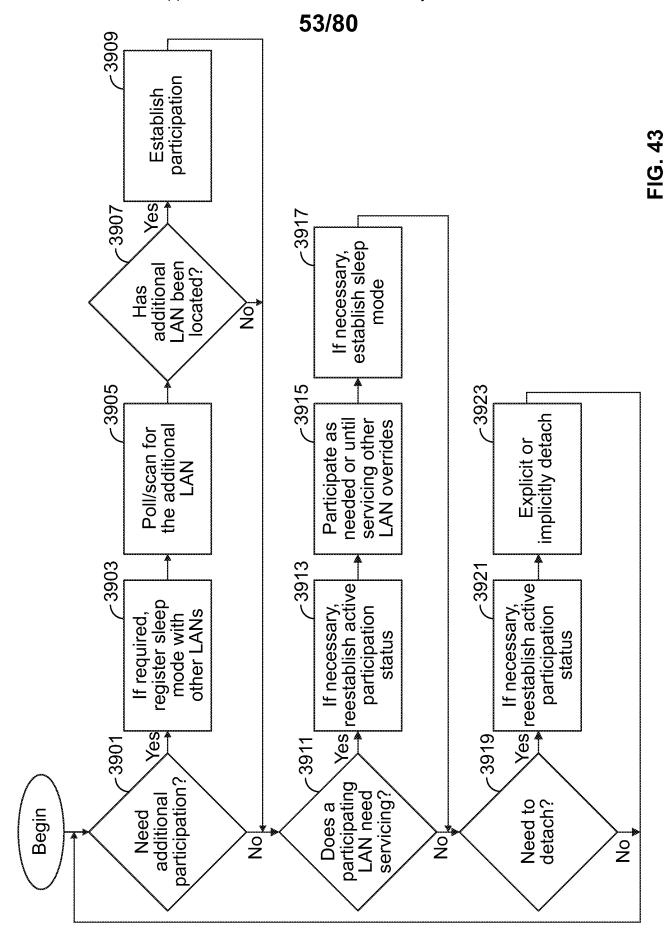
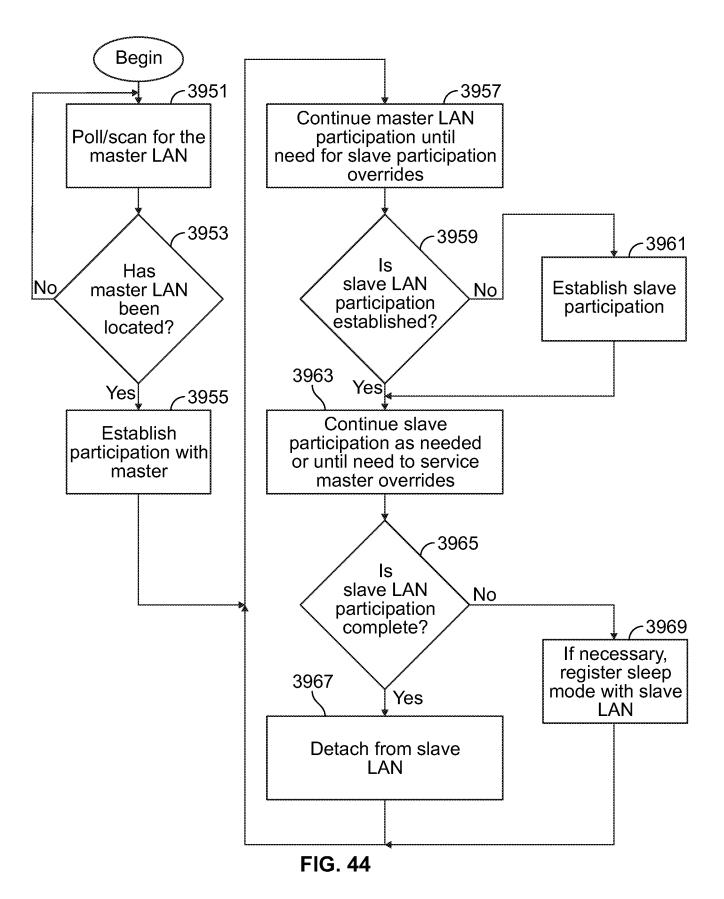
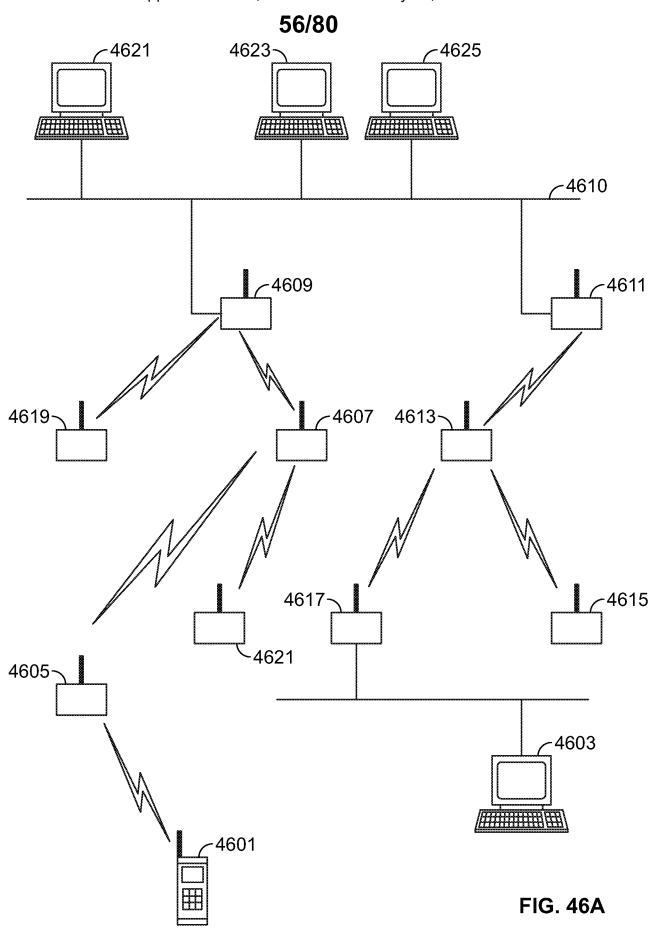


FIG. 42

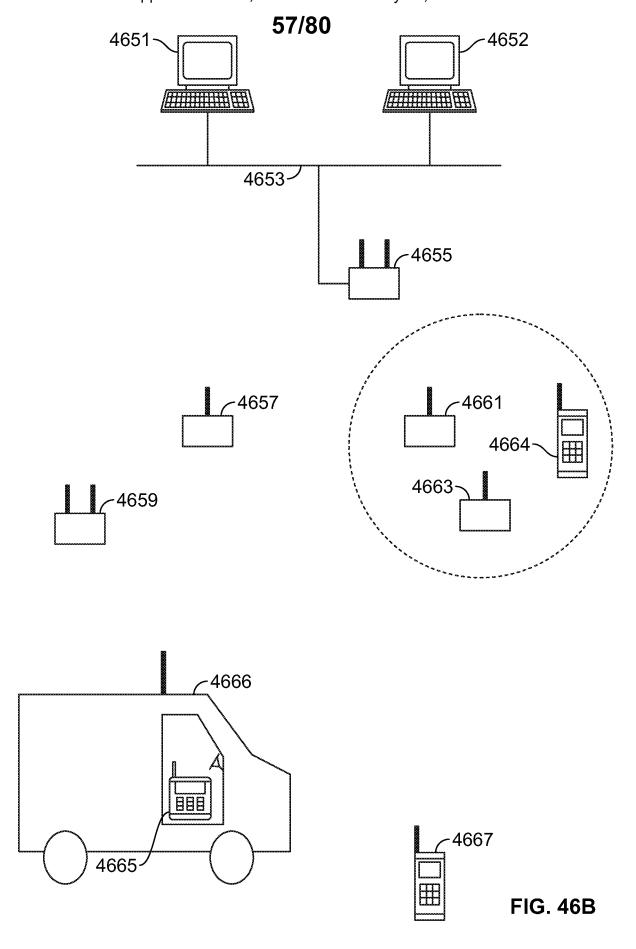




REPLACEMENT SHEET Appl. No. 10/783,883 Filed: February 20, 2004



REPLACEMENT SHEET Appl. No. 10/783,883 Filed: February 20, 2004



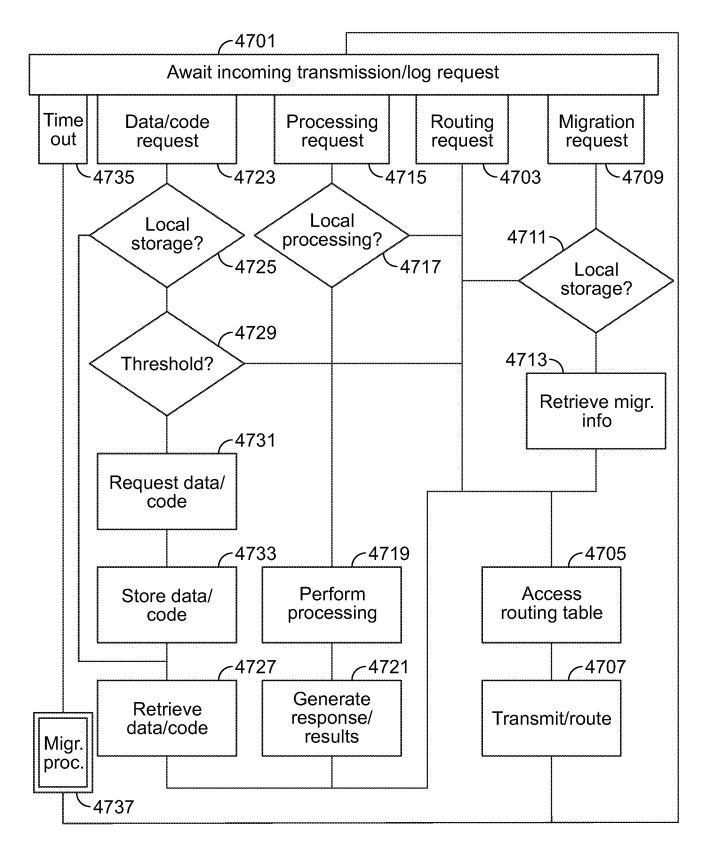
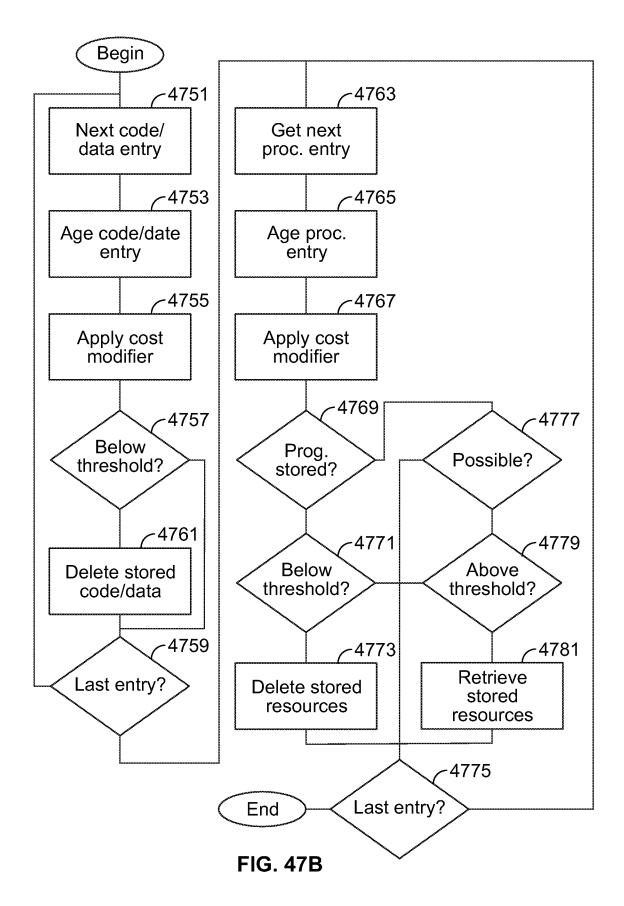


FIG. 47A



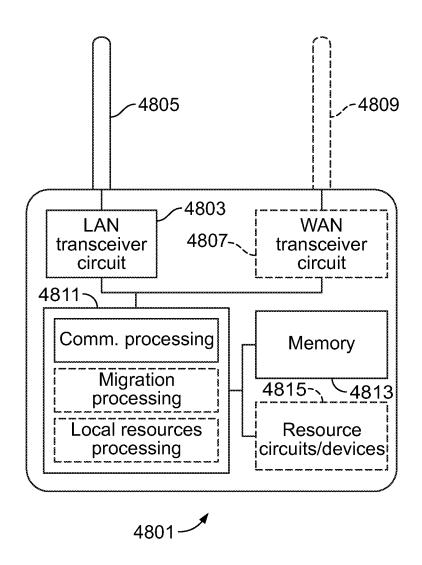


FIG. 48

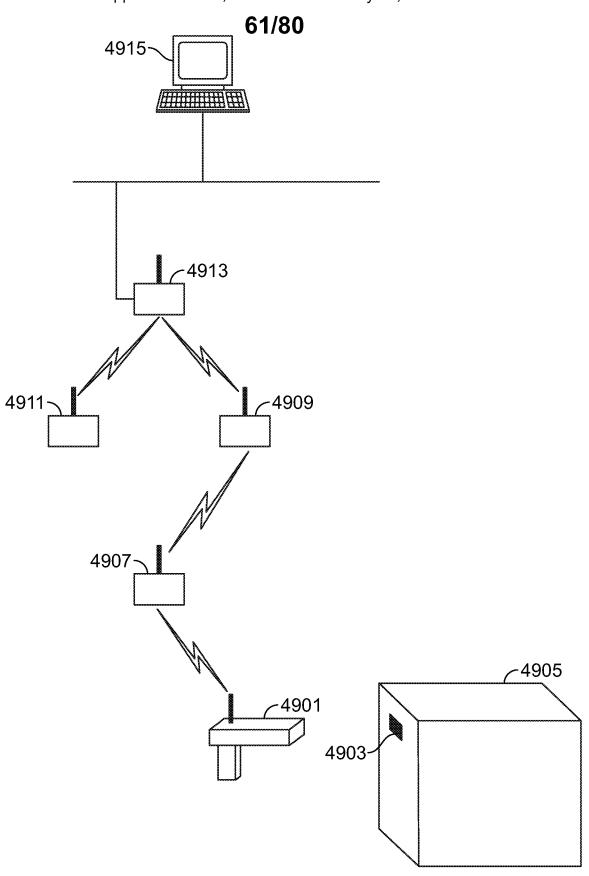


FIG. 49A

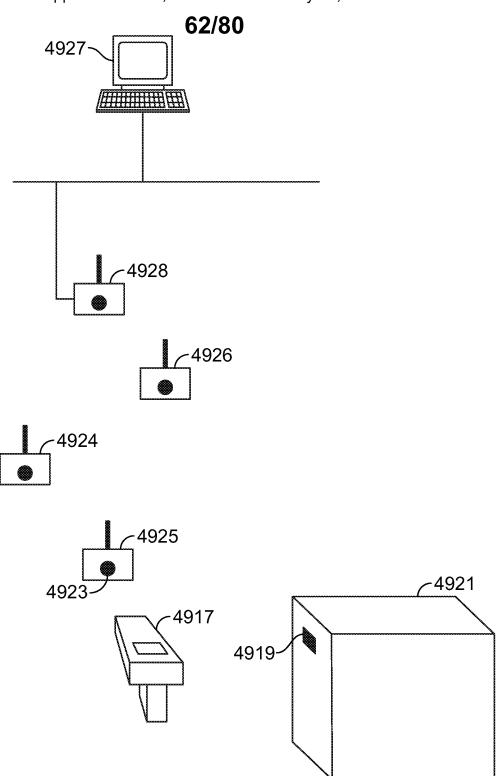
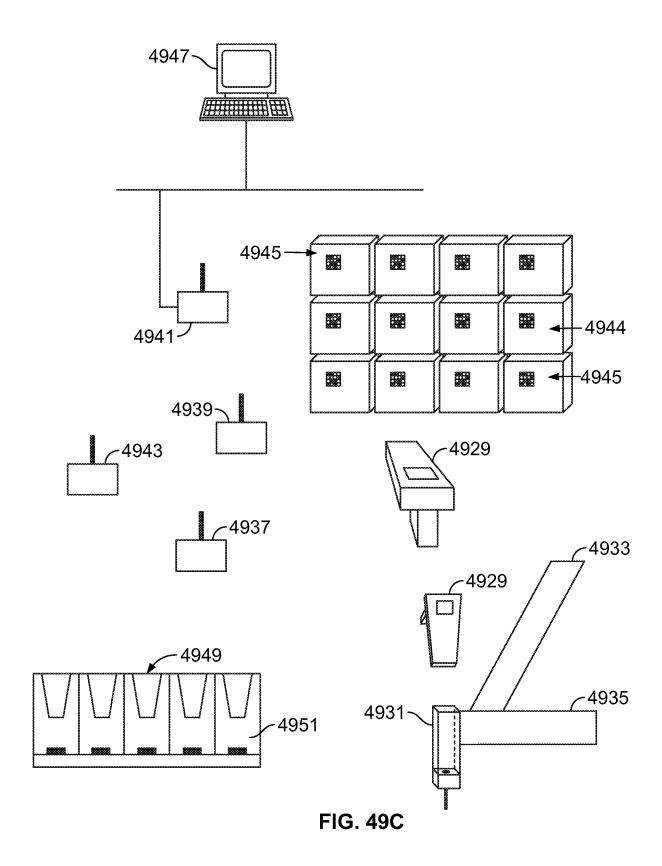


FIG. 49B

63/80



64/80

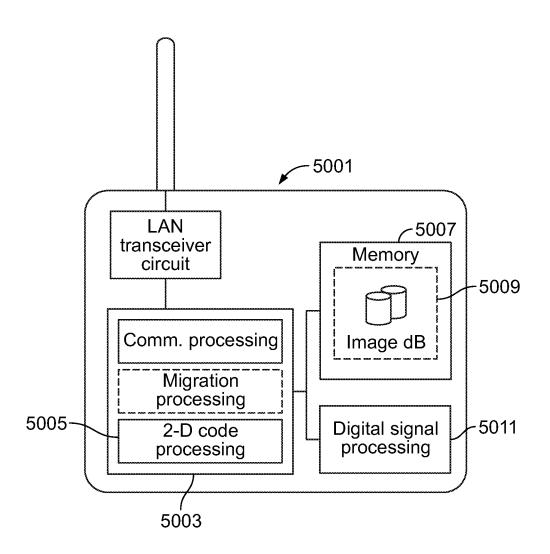
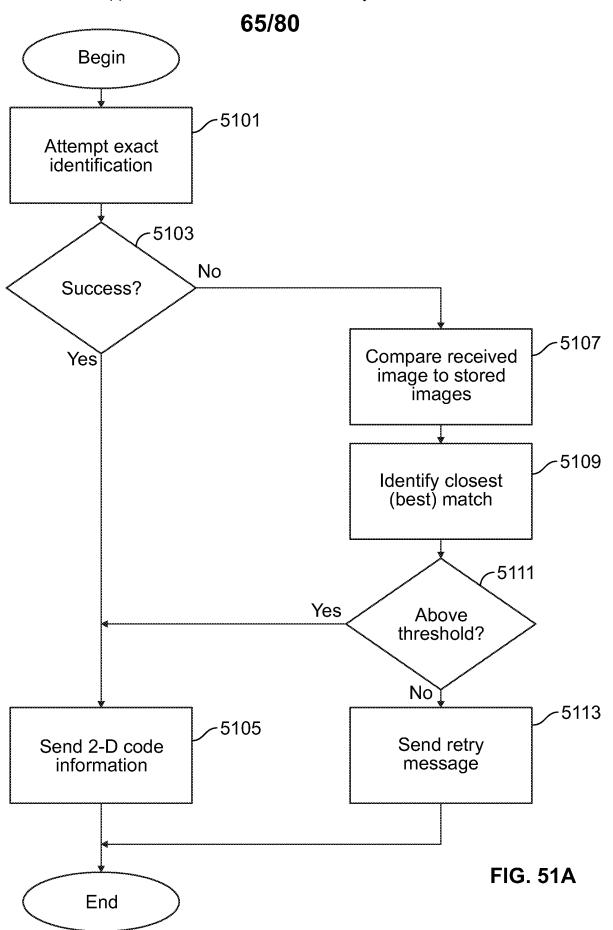
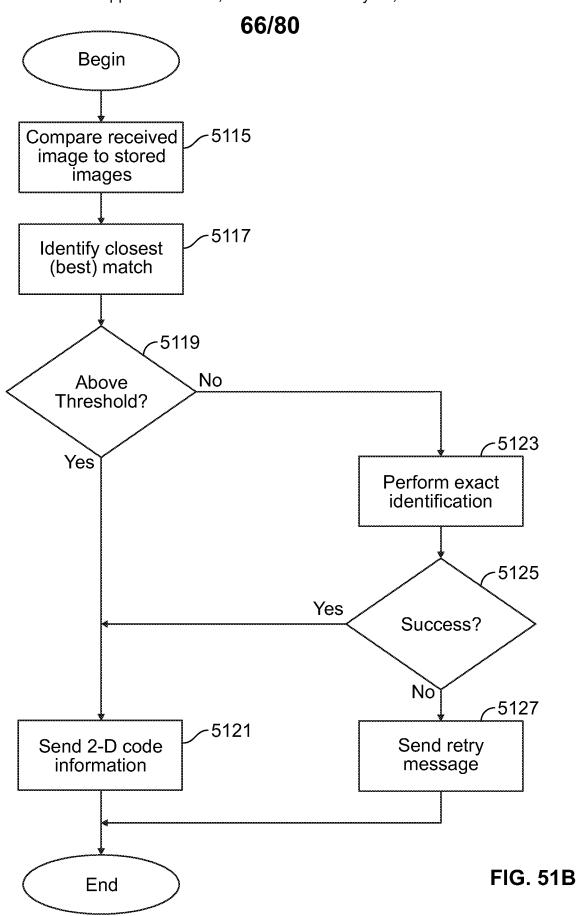


FIG. 50

REPLACEMENT SHEET Appl. No. 10/783,883 Filed: February 20, 2004



REPLACEMENT SHEET Appl. No. 10/783,883 Filed: February 20, 2004



— Main Category (Grocery)
Sub-Category (Beans)
Sub-Sub-Category (Lima)
Sub-Sub-Sub-Category (Del Monte)
Sub-Sub-Sub-Category (Can)
Sub-Sub-Sub-Sub-Category (10 oz.)
Further Categories of Other Information

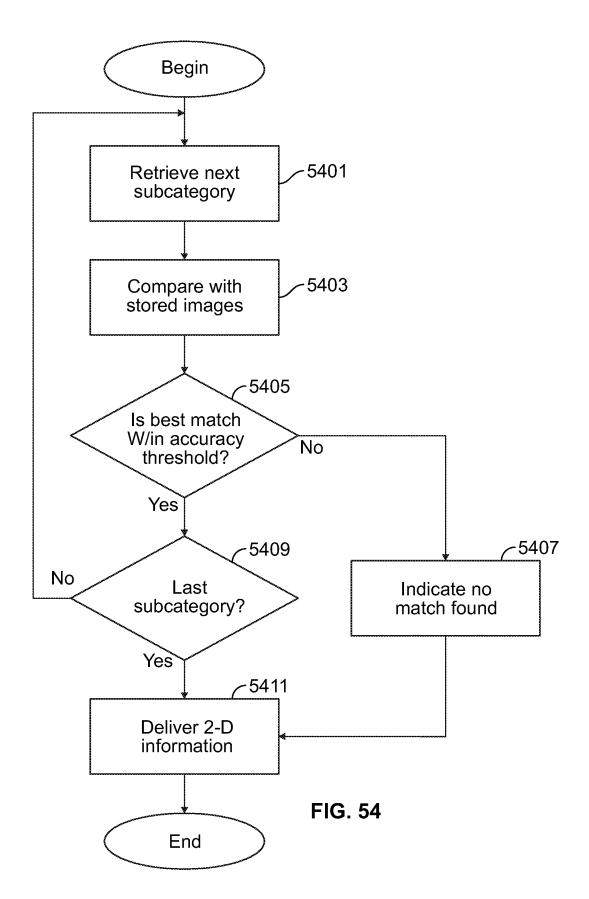
FIG. 52

68/80

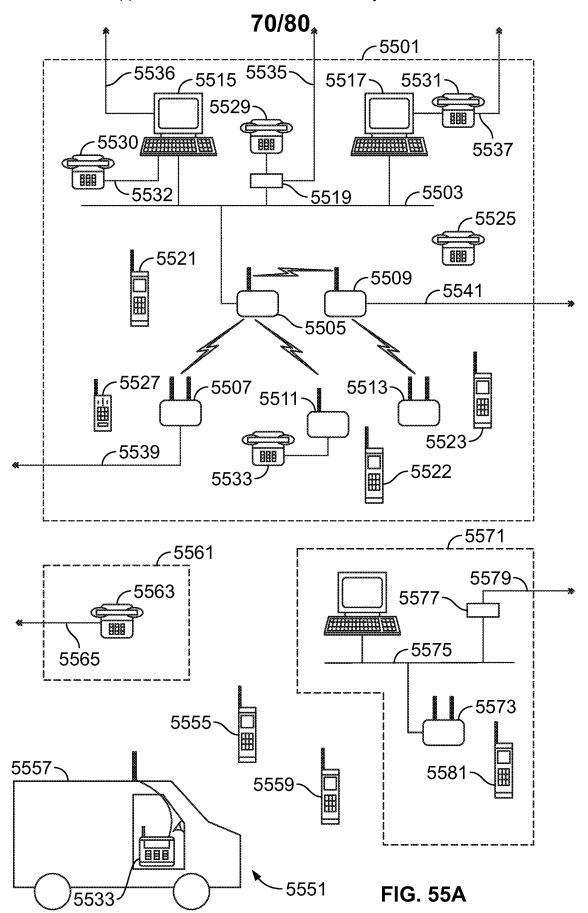
Grocery	Beans	Lima	5303
Del Monte	Can	10 oz.	

-5301

FIG. 53



REPLACEMENT SHEET Appl. No. 10/783,883 Filed: February 20, 2004



71/80

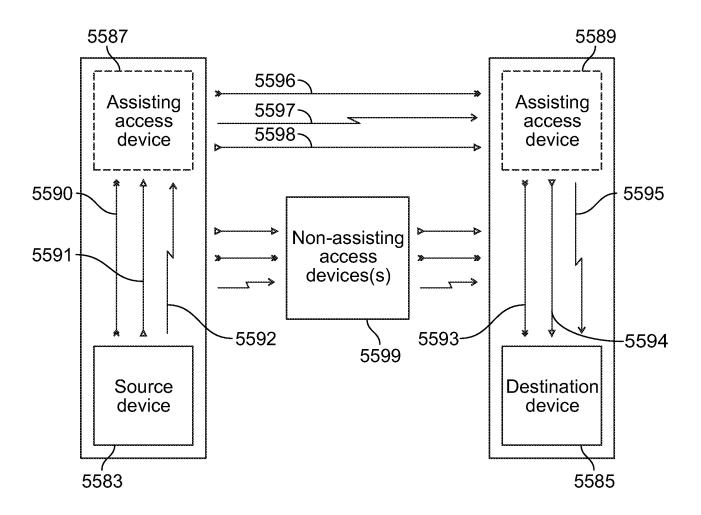
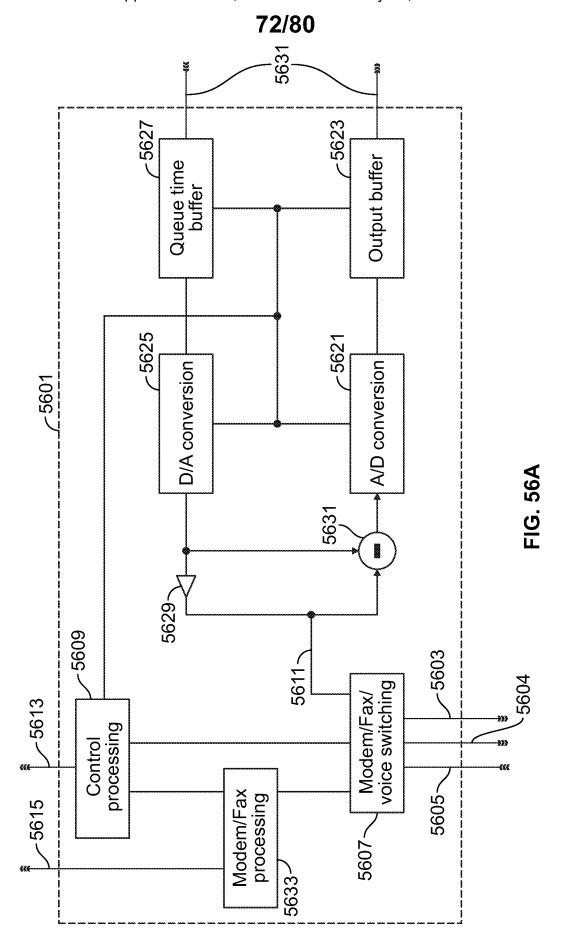
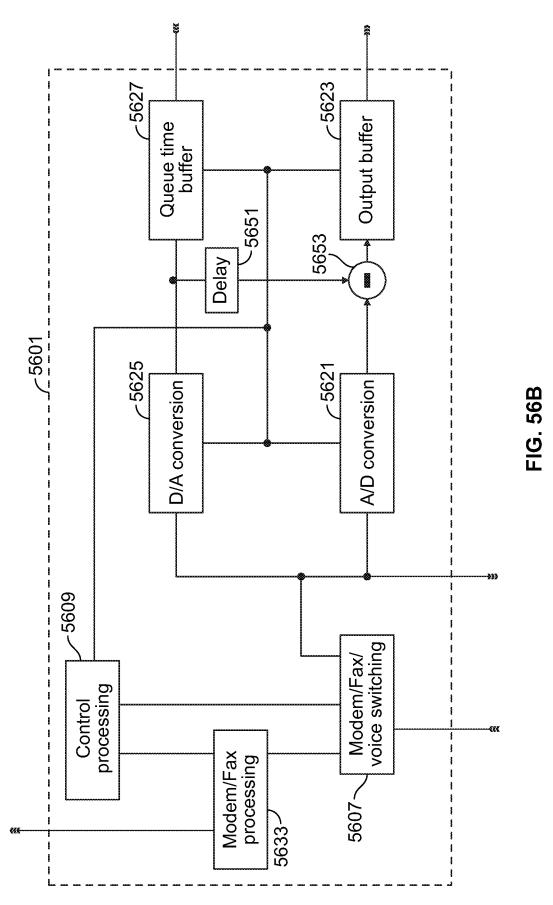


FIG. 55B

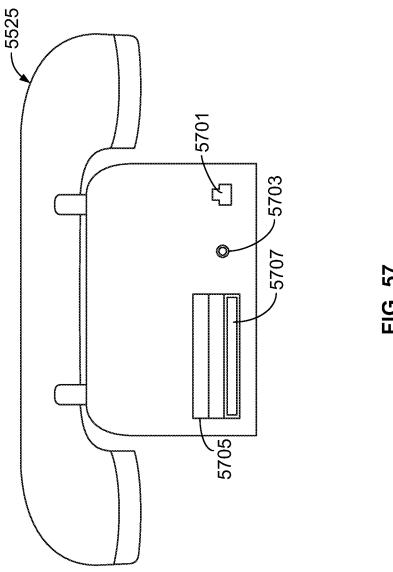
REPLACEMENT SHEET Appl. No. 10/783,883 Filed: February 20, 2004



73/80



74/80



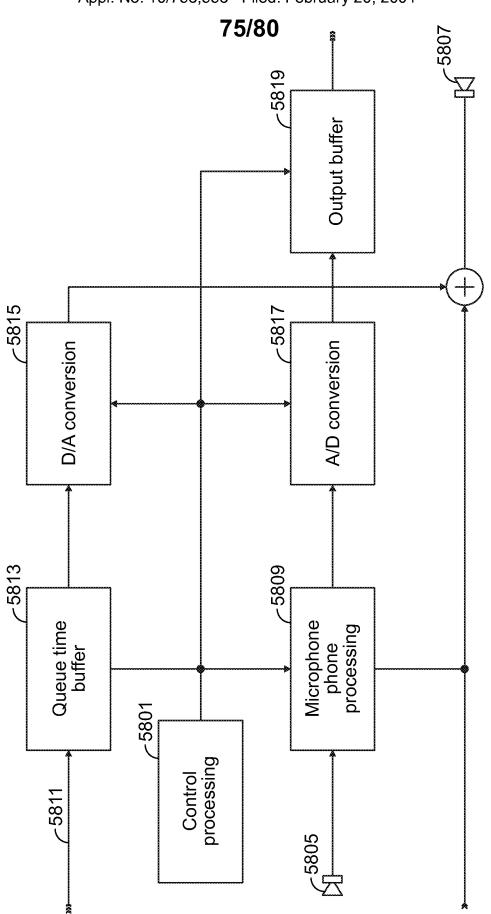


FIG. 58

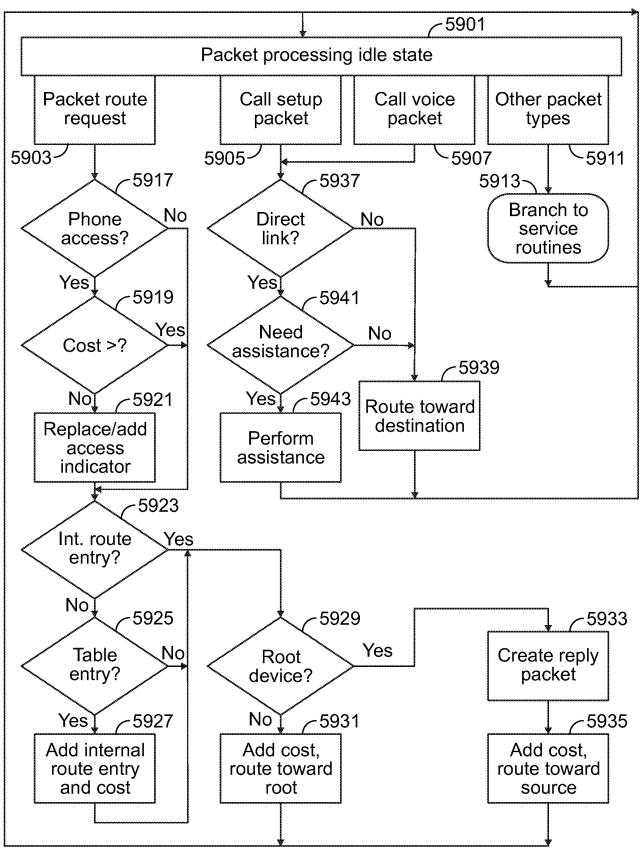


FIG. 59

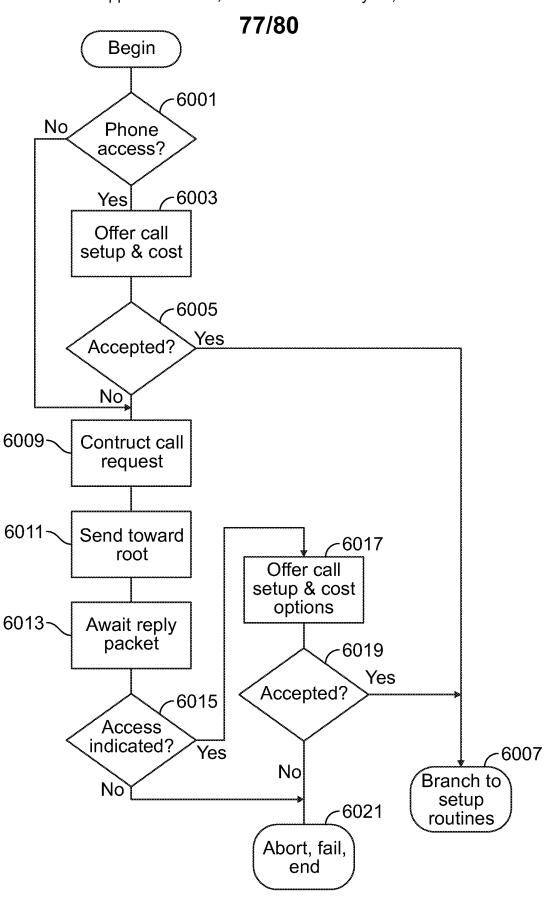
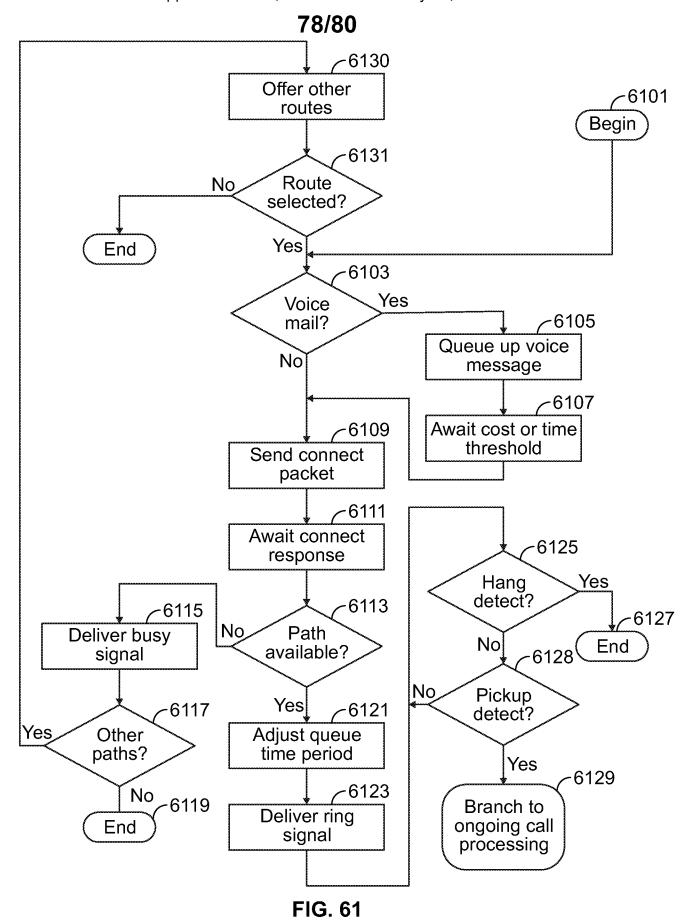


FIG. 60



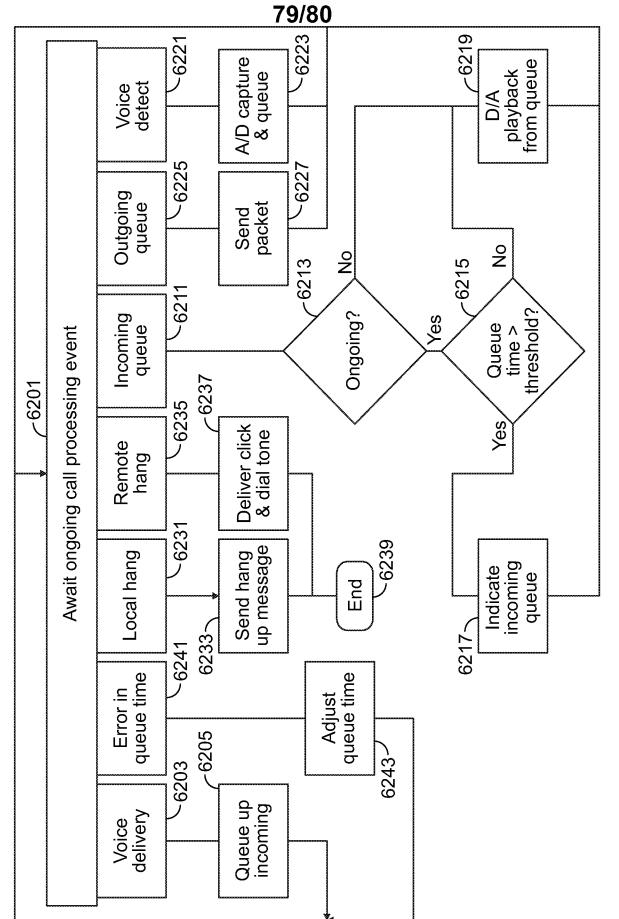


FIG. 62

REPLACEMENT SHEET Appl. No. 10/783,883 Filed: February 20, 2004

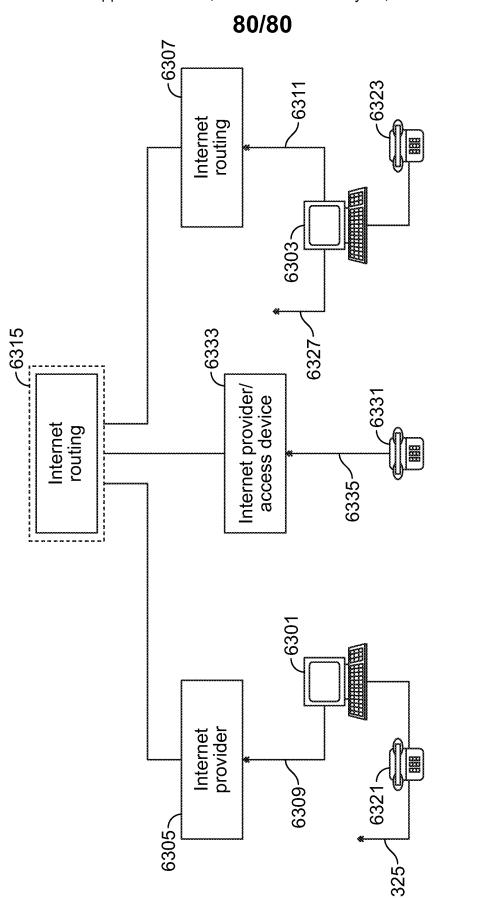


FIG. 63